March 22, 1932. B. H. LENGSFIELD 1,850,509

CARDBOARD BOX

Filed April 24, 1929

Fig. 1.

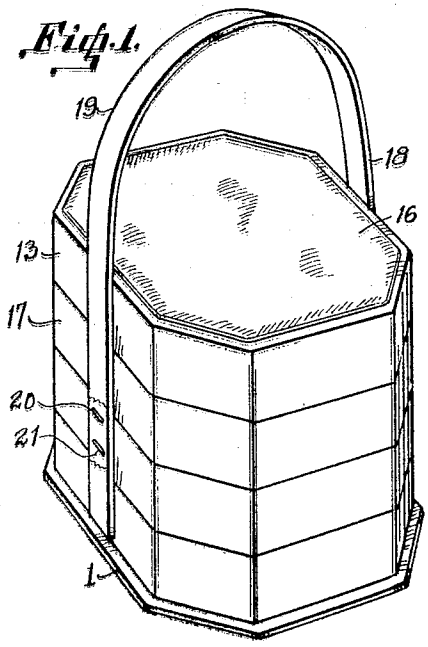


Fig. 4.

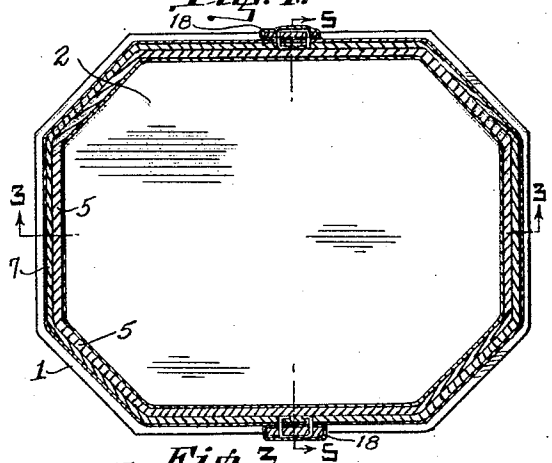


Fig. 3.

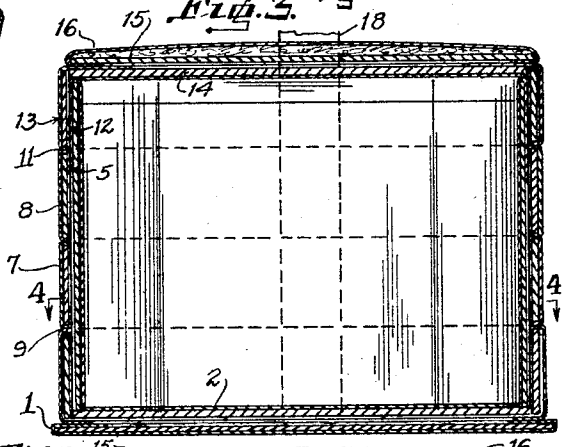


Fig. 2.

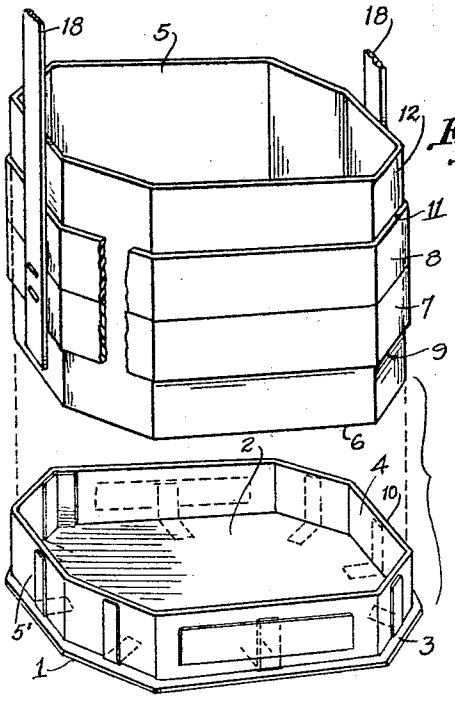
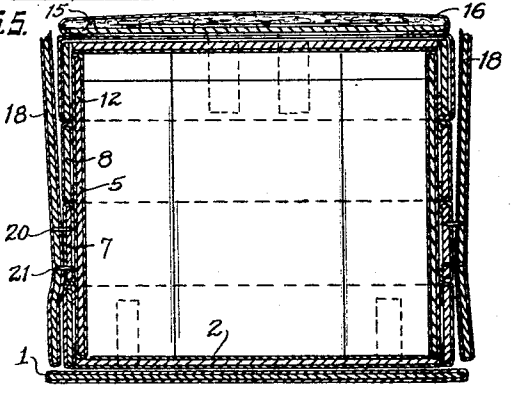


Fig. 5.



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UNITED STATES PATENT OFFICE

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CARDBOARD BOX

Application filed April 24, 1929. Serial No. 357,821.

The invention forming the subject matter of this application is a cardboard box made in imitation of the basket.

The main object of the invention is to provide a cardboard basket which can be very cheaply and strongly constructed, and at the same time present a highly ornamental appearance.

Other objects of the invention will become apparent as the detailed description thereof proceeds:

In the drawings:

Fig. 1 is a perspective view of the complete basket embodying this invention;

Fig. 2 is an exploded perspective of the base and body members forming part of the invention;

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 4;

Fig. 4 is a horizontal section taken on the line 4—4 of Fig. 3; and

Fig. 5 is a vertical section taken on the line 5—5 of Fig. 4.

Referring to the drawings, and particularly to Fig. 2 thereof: The invention comprises a base plate 1 stamped out to the desired shape; and a stiffening plate 2 similar in shape to the plate 1, but somewhat smaller in order to provide a projecting flange 3 extending all around a collar 4, suitably secured to the stiffening plate 2 by strips 5', extending along the outer faces of the collar 4 and the under face of the stiffening plate 2.

The stiffening plate 2 with the collar 4, attached thereto, is glued or otherwise suitably secured to the base plate 1, and a body portion 5 of the same shape as the collar 4 fits snugly within the collar 4 with its lower edge 6 supported on the stiffening plate 2. The body portion 5 is stamped out of a single sheet of cardboard creased as desired to enable the cardboard sheet to be bent into the same contour as the collar 4; and the free ends of the sheet 5 are suitably secured together as by a strip of gum paper.

In order to reinforce the body portion 5 a plurality of collars 7 and 8 of the same contour as the collar 4, are mounted to fit snugly and slidably over the body portion 5. The collar 7 is located on the body portion 5 in such position that its lower edge 9 contacts with the top edge 10 of the collar 4 when the body portion 5 is seated within said collar 4 and supported by the stiffening plate 2. The collar 8 has its lower edge resting on the upper edge of the collar 7, and the upper edge 11 of the collar 8 forms with the upper part of the body 5 a recess 12, adapted to receive a similar collar 13 depending from and suitably secured to a top 14.

The top 14 is of the same contour as the body portion 5, and is adapted to rest on the top edge of the body portion 5. A stiffening plate 15 of the same contour and of the same size as the outer faces of the collar 13 is secured suitably to the top 14.

The stiffening plate 15 has a thin pad of soft material to provide a support for an ornamental layer of paper, which extends under the edges of the plate 15 and over the pad 16 to form an ornamental cover for the basket. A handle of stiff cardboard is bent into U-shaped form, and the legs 17 and 18 of the handle 19 are suitably secured as by staples 20 and 21 to one of the collars 7 or 8,—in this particular instance to the collar 7.

The various collars and stiffening plates are covered by thin layers of ornamental paper, and are securely fastened to the body portion 5, as by gluing the collars to said body portion or securing them by staples or any other suitable securing means. The body portion 5 is secured suitably to the collar 4, which, like the other collars, is also covered with a sheet of ornamental paper.

When the collars 7 and 8 are properly assembled on the body portion 5, and this body portion is seated properly within the lower collar 4 and secured thereto, the space between the upper edge of the collar 8 and the top edge of the body portion 5 is substantially equal to the depth of the collar 13 measured from the inner face of the top 14.

The entire construction makes a very strong cardboard basket, in which the collar 7, to which the handle 19 is secured, is strongly fixed in position on the body portion 5 by its location between the collars 4 and 8. The comparatively narrow collars make it very easy to give a highly ornamental effect to the

basket by pasting papers of various colors and designs to the separate collars and to the top of the basket.

While I have shown the handle 19 as secured to the collar 7, and have shown only two collars interposed between the collar 4 secured to the base plate 1 and the collar 13 depending from the top 14, it is to be understood that the handle 19 may be secured to any of the several collars and the number of collars may be varied according to the size of the basket and to the designs found desirable.

What I claim is:

1. A cardboard basket comprising a base plate, a collar secured perpendicularly to said base plate inwardly from the edges thereof, a body portion seated in said collar and secured thereto, a plurality of collars in contact with each other and secured to said body portion, the lower edge of one of said collars being in contact with the upper edge of the first named collar, and the upper edge of another of said collars being spaced apart from the top edge of said body portion, a collar slidable on said body portion and having a top secured thereto to form a closure for said basket, and a handle secured to one of the intermediate collars by means passing through the collar but not through the body portion.

2. A cardboard basket comprising a body portion, a plate fixed to one edge of said body portion and having the edges thereof projecting around the periphery of said body portion, a collar fixed to said body portion and to said plate, a plurality of collars superposed on said first named collar and on each other, a top extending over the top edge of the body portion and having a downturned collar mounted to slide on said body portion and into supported contact with one of said collars, and a handle secured to opposite sides of one of said plurality of collars other than the top one.

3. A cardboard basket comprising a polygonal base plate, a stiffening plate secured to said base plate and having its edges spaced inwardly from and parallel to the edges of said base plate, a collar extending around said stiffening plate and secured perpendicularly thereto, a body portion shaped to form a prism and seated in and secured to said collar, and a plurality of collars surrounding said body portion between said base collar and said slidable collar.

4. A cardboard basket comprising a body portion, a bottom and a top, the bottom having an upwardly extending collar receiving the lower end of the body portion, the top having a downwardly extending flange receiving the upper end of the body portion and a plurality of collars surrounding said body portion in edge to edge abutting relation and entirely filling the space between the lower edge of the top collar and the upper edge of the bottom collar.

5. In a cardboard basket, a two-ply bottom, the upper layer being of the same shape but smaller than the lower layer, a collar surrounding the upper layer and extending upwardly therefrom, and strips securing said collar to said bottom, each strip being secured at one end between the layers forming the bottom and at its other end to the outside surface of the collar.

In testimony whereof I affix my signature.

BYRON HASSBERG LENGSFIELD.